

# Converting Colors

Hex(6BC62F)

Have a look what the booklet for  
Hex(6BC62F) contains.

<b>Hex(6BC62F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(6BC62F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BC62F
RGB	107, 198, 47
RGB Percent	42%, 78%, 18%
CMY	0.5804, 0.2235, 0.8157
CMYK	0.46, 0.00, 0.76, 0.22
HSL	96°, 62%, 48%
HSV	96°, 76%, 78%
XYZ	26.7706, 43.7192, 9.7170
YIQ	153.5770, -5.7650, -66.2530

# Conversions

## Conversions Part 2

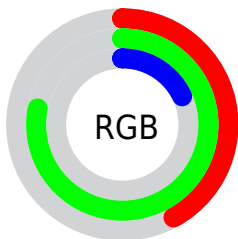
Format	Color
<a href="#">RYB</a>	<a href="#">47, 198, 138</a>
Decimal	<a href="#">7063087</a>
CIELab	<a href="#">72.04, -51.73, 62.42</a>
CIELCh	<a href="#">72, 81.070, 129.653</a>
Yxy	<a href="#">43.7192, 0.3338, 0.5451</a>
Android (android.graphics.Color)	<a href="#">4285253167 (0xFF6BC62F)</a>
YUV	<a href="#">153.5770, -52.5425, -40.8480</a>
Hunter-Lab	<a href="#">66.1205, -43.4406, 37.5711</a>

# Details

The Hex color **6BC62F** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **8A2FC6**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A5FF68**, and **2D8F00** is the 20% darker color. If you saturate the color by 10%, you get **5FC61B**, and if you desaturate by 10%, it is **77C643**.

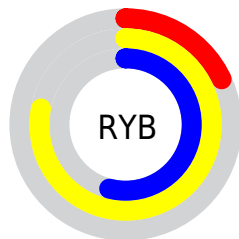
# Distribution



Red (42%)

Green (78%)

Blue (18%)



Red (18%)

Yellow (78%)

Blue (54%)

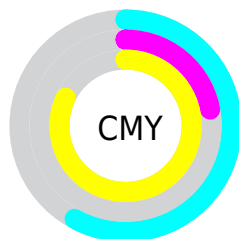


Cyan (46%)

Magenta (0%)

Yellow (76%)

Black (22%)



Cyan (58%)

Magenta (22%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BC62F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6BC62F by changing the saturation by 10% instead.



 6BC62F

 6BC62F

FFFFFF

 4DAA05

 A5FF68

 2D8F00

 C2FF84

 007500

 E0FFA0

 005B00

 FEFFBC

 004300

 FFFFD9

 002D00

 FFFFF6

 000E00

 000000

 6BC62F

 6BC62F

 5FC61B

 77C643

 53C607

 83C657

 4FC600

 8FC66A

 9BC67E

 A7C692

 B3C6A6

 BFC6BA

 CAC6CD

 D6C6E1

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BDB500



6BC62F



00CF7A

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6BC62F



00C6FF



FF619C

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6BC62F



8A2FC6

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF6EE6



6BC62F



00B2FF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6BC62F



00D0FF



D191FF



FF7955

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6BC62F



00D2AD



D191FF



FF61B5

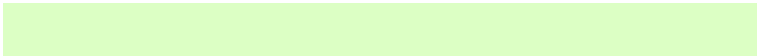


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6BC62F



DCFFC4



C68A2F



6A805C



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6BC62F



72FF14



2FC63E



5D635A



41A300



0E2400



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8A2FC6



A214FF



C62FB7



5F5A63



6200A3



160024



# Previews

## White Background



This preview shows how the Hex color 6BC62F looks on a white background.

## Color Contrast Check

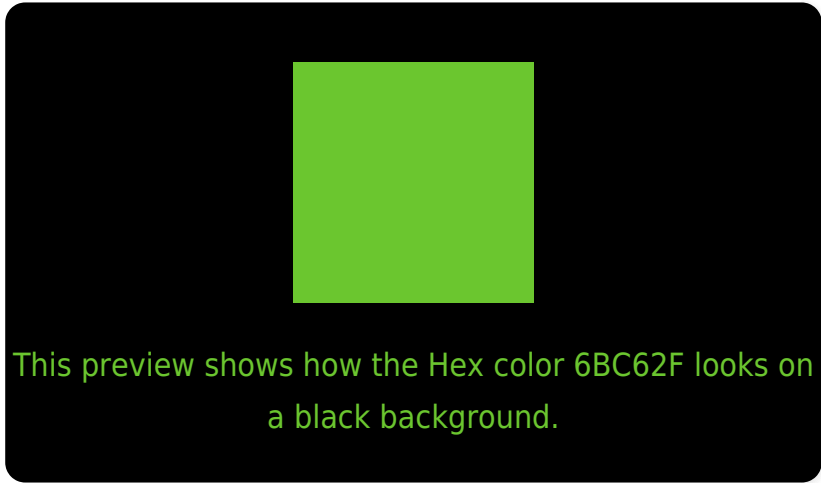
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6BC62F Background



This preview shows how black text looks on a background with the Hex color 6BC62F.

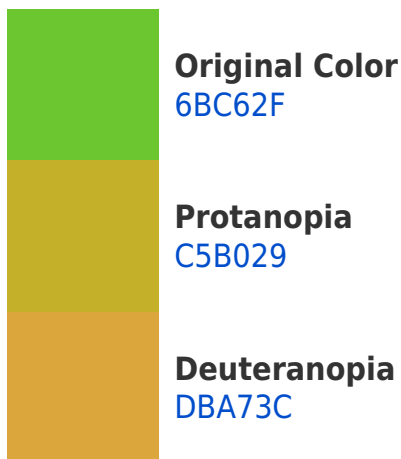


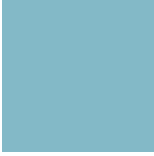
This preview shows how white text looks on a background with the Hex color 6BC62F.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
83B9C7

# Trichromacy



**Original Color**  
6BC62F



**Protanomaly**  
A4B82B



**Deuteranomaly**  
B2B237



**Tritanomaly**  
7ABE90

# Monochromacy



**Original Color**  
6BC62F



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
89AA73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BC62F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6BC62F looks like.

```
.text, #text, p{  
    color:#6BC62F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6BC62F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BC62F
}
```

## Border

The CSS property to change the border of an element to Hex 6BC62F is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6BC62F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6BC62F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6BC62F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BC62F; -webkit-box-shadow:4px 4px  
4px 4px #6BC62F; box-shadow:4px 4px 4px  
4px #6BC62F }
```

# Background

The CSS property to change the background color of an element to Hex 6BC62F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BC62F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6BC62F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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